

Process Cooling Water Stick Supply Side



Features:

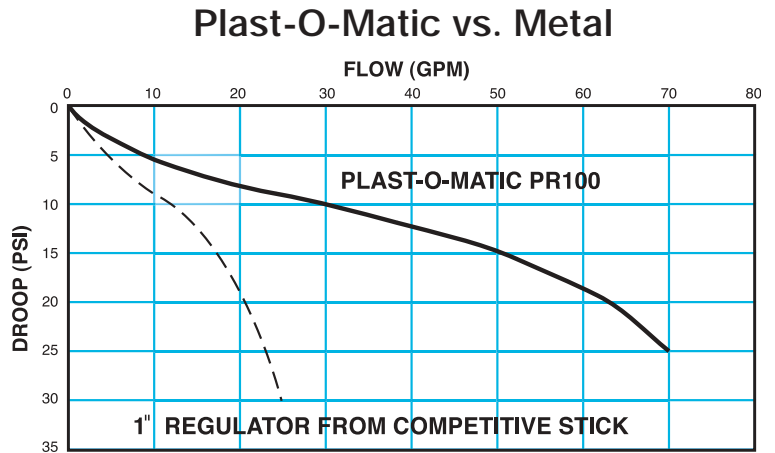
- Superior pressure regulator performance.
- No corrosion, no maintenance.
- 2 connections per stick.
- One tag number per stick.
- Molded, Machined & Assembled in USA.
- Lower cost and smaller footprint than individually assembled sticks.
- Easily adapts to any piping configuration.

Design:

Incorporates Plast-O-Matic premium pressure regulator, pressure and temperature gauge, and quarter-turn True Blue trunion ball valve in a compact, rugged design. Pressure regulator offers set pressure range from 5 to 125 psi. Dual-purpose gauge can be specified on either side of the regulator so that gauge faces "out" for easy reading. Stick is reinforced to minimize possibility of damage. A variety of end connectors and custom valve combinations can be specified. Wetted metals on gauge only. Ball valve can be activated at any time if the need arises. All units built in USA and individually tested.

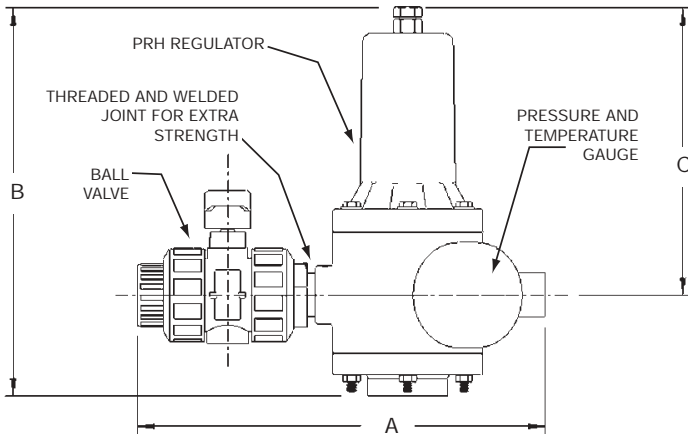
Typical Performance Curves of Flow vs. Drop Off From Set Pressure:

Drop-off is the difference between the pressure regulator set pressure and the downstream pressure. Performance curves chart at right identifies the high flow capacities and the low pressure drop-off of Plast-O-Matic regulators which result in their greater sensitivity, finer adjustability and superior accuracy as compared to competitive models.



INLET 115 PSI with set pressure of 40 PSI

DIMENSIONS & MODEL NUMBERS



Pipe Size	Part # Prefix	A		B		C	
		IN.	MM	IN.	MM	IN.	MM
1/2"	PCWS050	7.31	185.6	8.62	218.9	6.50	165.0
3/4"	PCWS075	11.18	283.9	11.53	292.8	8.53	216.6
1"	PCWS100	12.15	308.6	11.53	292.8	8.53	216.6

Standard Gauge is 3" diameter, dual display of Pressure and Temperature.

Ordering Information

Order by part number and specify exact chemicals, temperatures and pressures. To arrive at the proper part number, please consult diagram below. The letters and numbers used in this part number are for example only!

PCWS	100	X	V	T	-PV
PROCESS COOLING WATER SUPPLY	VALVE PIPE SIZE 050 1/2" 075 3/4" 100 1"		SEAL MATERIAL V FKM EP EPDM		BODY MATERIAL -PV Polyvinyl Chloride (PVC) -CP Chlorinated Polyvinyl Chloride (CPVC) -PP Polypro -PF PVDF
SPECIAL DESIGNATION When "X" appears in this spot, it designates BSP threads.			CONNECTIONS S Socket Ends T Threaded Ends Spigots and other connection types available.		

FOR CUSTOM VALVE AND END CONNECTOR COMBINATIONS, CONSULT FACTORY.

PLAST-O-MATIC

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